

WHAT IS CLAIMED IS:

1. A height-adjustable washstand comprising a hydraulic height adjuster,
the hydraulic height adjuster comprising: a cylinder 15 vertically
5 provided at the bottom of the washstand 18 or on the floor to allow a
washstand 18 to go up and down; a control valve 30 fixed to one side of the
washstand 18 to control the operation of the cylinder 15; a supply pipe 22 for
connecting a tap pipe and the control valve 30; a discharge pipe 21 for
connecting the control valve 30 and a drain pipe; and operational pipes 19, 20
10 for connecting portions above and below an inner piston 16 of the cylinder 15
and the control valve 30,

the height-adjustable washstand further comprising a bracket which
comprises:

a bedplate 11 for supporting a bottom of the washstand 18;
15 a guide rail 14 for guiding the bedplate 11; and
a support 13 coupled to the guide rail 14 to support the guide rail 14.

2. The height-adjustable washstand according to claim 1, wherein the
cylinder 15 is coupled to the bedplate 11, and a piston rod 17 is coupled to the
20 support 13.

3. The height-adjustable washstand according to claim 1, wherein a slider
12 coupled to the guide rail 14 to go up and down is provided at one side of
the bedplate 11.

4. The height-adjustable washstand according to claim 1, wherein the control valve 30 comprises:

5 a body 31 in which a plurality of connection holes 31a are formed at one side thereof;

a control plate 33 inserted into the body 31, a control hole 34 arranged at the same positions as the connection holes 31a being formed in the control plate;

10 a valve spool 35 in which a plurality of control grooves 36 are formed at one surface closely attached to the control plate 33 and a plurality of locking grooves 37 are formed at the edges of the other surface;

a control member 38 provided at one side with locking bosses 39 inserted into the locking grooves 37, and provided at the other side with a lever 43;

15 a seat 32 in which a locking jaw 32a provided between the body 31 and the control plate 33 is formed to prevent rotation of the control plate 33;

an upper cover 54 coupled to the body 31, a penetration hole 55 for penetrating the lever 43 being formed in the upper cover; and

20 a valve handle 56 coupled to the lever 43 to rotate the control member 38.

5. The height-adjustable washstand according to claim 4, further comprising a groove 40 formed at one side of the control member 38, a pin 41 inserted into the groove 40, and a spring 42 inserted into the groove 40 to

elastically support the pin 41.

6. The height-adjustable washstand according to claim 4, further comprising:

5 a housing 44 in which a penetration hole 45 is formed at the center thereof and which houses the control member 38 and the valve spool 35;

a nut 48 fastened to the body 31, a penetration hole 49 for housing the housing 44 being formed in the nut;

a spacer 50 in which a penetration hole 51 into which one side of the
10 nut 48 is inserted is formed;

a middle cover 52 provided on the spacer 50; and

an upper cover 54 provided on the middle cover 52.